



- NOTES:

1. USE A CAPACITY ANALYSIS TO DETERMINE THE LENGTH OF STORAGE REQUIRED FOR TURN LANE. A MINIMUM LENGTH OF 100 FEET IS REQUIRED.
2. USE THE STANDARD ALPHABET FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS FOR PAVEMENT MESSAGES.
3. USE PAVEMENT MARKINGS CONSISTING OF ARROWS, THE WORD "ONLY" IN LANE, AND THE STANDARD SIGN R3-7R WHEN THE LANE IS A MANDATORY MOVEMENT.
4. PAVEMENT MARKINGS ARE OPTIONAL FOR MANDATORY LEFT TURN LANES AND TWO-WAY LEFT TURN LANES.
5. CREATE A CROSSING PROHIBITED ISLAND OR MEDIAN BY PLACING TWO DOUBLE YELLOW LINES FOR EACH DIRECTION (4 SOLID YELLOW LINES TOTAL)
6. TAPER FORMULA: $L = SW$ FOR SPEEDS OF 45 MPH OR GREATER.
 $L = WS^2/60$ FOR SPEEDS OF 40 MPH OR LESS.
7. FOR RAISED MEDIAN AND PLOWABLE END SECTION DETAILS SEE STD DWG GW 1

REVISIONS					
1	02/24/05	B.A.	NOTE REFERENCE CORRECTED IN UPPER LEFT DETAIL.		
2	02/23/06	B.A.	CORRECTED TYPO IN NOTE 6.		
ID.	DATE	APPR.	REMARKS		

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE COUNTY

RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	FEB. 23, 2006
CHAIRMAN STANDARDS COMMITTEE	<i>[Signature]</i>	DATE
APPROVED	<i>[Signature]</i>	FEB. 23, 2006
DEPUTY DIRECTOR		DATE

AUXILIARY LANE DETAILS

STD DWG
ST 5

21-MAR-2006 DGN File: L:\Standard Drawings\Imperial\2005Approved\Change6Approved\std5.dgn